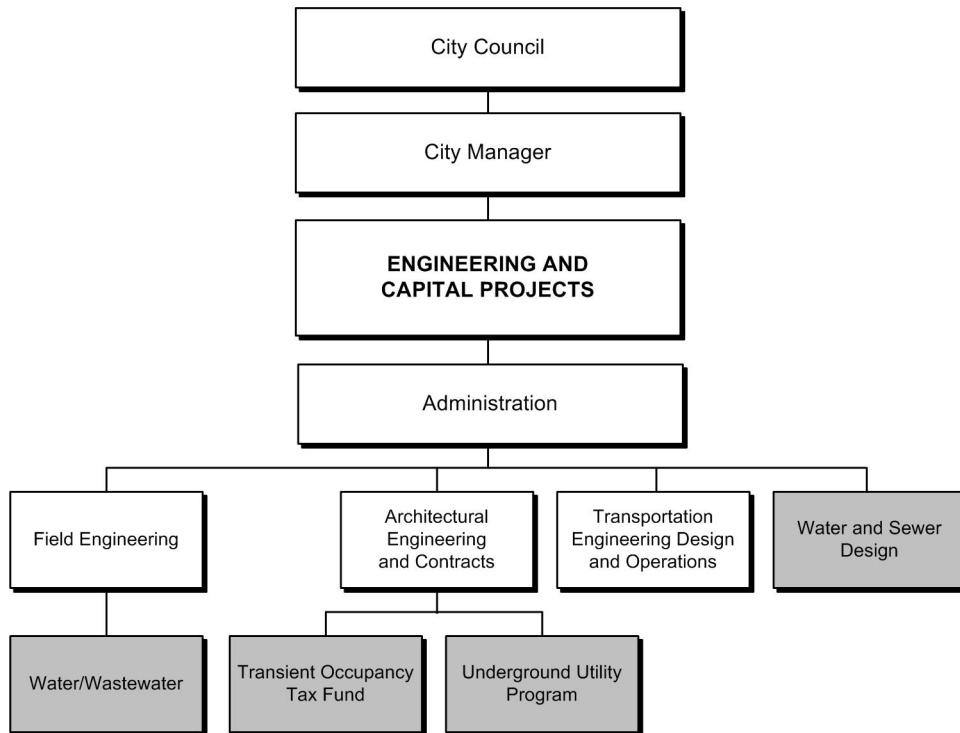




Engineering and Capital Projects



Engineering and Capital Projects



Mission Statement

To be responsive to the public, Mayor and City Council in the development and enhancement of the urban environment and to provide quality public facilities that are safe, efficient, cost effective and in accordance with scheduled needs.

Department Description

The Engineering and Capital Projects Department is a full-service civil engineering "firm" with over 500 employees who are responsible for the planning, design, management and construction of public improvement projects and providing traffic engineering services throughout the City of San Diego.

The nature of the Department's work includes developing the infrastructure for PETCO Park; widening the beachfront boardwalk; building libraries; rebuilding older streets and water/sewer pipelines; responding to traffic requests from the public; and maintaining the City's traffic signal system.

Division/Major Program Description

Administration

The Administration Division provides management and fiscal support services.

The Management Section provides the overall planning, direction and coordination of the operation programs.

The Fiscal Support Services Section maintains fiscal control; coordinates preparation of the departmental operating budget; conducts special studies and analyses of administrative and fiscal practices; develops, coordinates and carries out department-wide programs; and provides departmental personnel coordination and payroll support.

Engineering and Capital Projects

Division/Major Program Description (continued)

Architectural Engineering and Contracts

The Architectural Engineering and Contracts Division provides project management including consultant selection, design, environmental review, construction and closeout phases through the following major programs.

The Community Development Block Grant (CDBG) Private Agency Projects section provides project assistance for non-profit agency CDBG-funded projects such as training center, health clinic, non-profit agency center, recreation center, and sports field improvements. Project assistance is provided in project initiation, consultant selection, planning, design, environmental review, contract processing, construction and closeout.

The Project Management I section provides project management for public building projects such as libraries and community service centers. Project management includes moving these projects through initiation, consultant selection, design, environmental review, contract processing, construction and closeout.

The Project Management II Section provides project management for public building projects such as fire stations and lifeguard facilities. Project management includes moving these projects through initiation, consultant selection, design, environmental review, contract processing, construction and closeout.

The Project Management III section provides the Job Order Contract and Primavera system support for the Department and additional project management.

The Access Law/Design Review Section provides detailed reviews of Capital Improvements Program projects for compliance with the federal and State accessibility regulations.

The Contract Section assists project managers in developing a contract package by providing specification standards and City policy direction; distribution and monitoring Citywide plan checks; reviewing requests for council actions, City Manager action and Manager approval for accuracy and completeness and processing them for approval, advertising and award.

Engineering and Capital Projects

Division/Major Program Description (continued)

Field Engineering

The Field Engineering Division provides construction management and inspection, survey support, materials testing and traffic control review for City Capital Improvements projects. This includes services to all public and private bridge developments; public buildings such as fire stations, police stations, libraries, recreation facilities and parks; and public streets such as storm drains, sidewalks, curbs and gutters, traffic signals, street lights, and vehicular, bike and pedestrian projects.

The Construction Inspection Program provides construction management, administration and inspection services during construction of City and private contracts. The goal of this program is to ensure that the specified standards and qualities for all improvements are met with thorough and consistent inspection services.

The Traffic Control Program provides review of traffic control plans, issues traffic control permits, and provides management and inspection services for traffic signals, striping and signs in development projects.

The Materials Lab and Testing Program provides laboratory, field and manufacturing plant tests to ensure that the adequacy and standards of all materials used during construction are maintained.

The Land Survey Program conducts precise land, aerial, hydrographic, topographic and construction surveys upon which construction projects are based.

The Field Engineering - Water/Wastewater Facility Construction Management Inspection Programs provide construction management, administration and inspection services during construction of City wastewater and water facilities. The goal of these programs is to ensure that the specified standards and qualities for all wastewater and water facilities are met with thorough and consistent inspection services.

Transportation Engineering Design and Operations

The Transportation Engineering Division provides design and project management for various transportation improvement projects, storm drains, traffic signals, bridges, coastal low flow diversion, coastal erosion, street lights, pedestrian ramps, local streets and bikeways.

Additionally, the Division conducts traffic investigations and studies for signs, markings, speeding and parking; re-times traffic signal systems; codes traffic accidents;

Engineering and Capital Projects

Division/Major Program Description (continued)

Transportation Engineering Design and Operations (continued)

conducts traffic counts and radar speed surveys to set speed limits; proposes and monitors annual traffic capital projects; installs street lights; and manages the Transportation Alternative Program (TAP), which provides discounted transit passes and van pool/car pool subsidies to City employees.

Programs within this division include: Architectural Barriers and Pedestrian Access; Bikeways and Trails (hiking and equestrian); the Bridge section which designs new bridges, bridge retrofits, enhancements and barrier rail projects; Erosion Control/Slope Restoration which monitors environmental re-vegetation projects; Roadway and Street section to complete roadway widening and improvement projects including street medians, street enhancements, guardrails and safety barriers; Special Projects that includes State Route 56; Storm Drains and Flood Control for low flow diversion projects; Traffic Operations; Traffic Safety and Information; Interagency Coordination; and the TAP.

Underground Utility Program

This Program manages the efforts to underground utility lines within the City. Projects are selected once per year by the Mayor and City Council and include projects from each Council District. The Underground Program Team makes sure all utility companies complete their work in a timely fashion and assists affected constituents through the process.

Water and Sewer Design

The Water and Sewer Design Division provides professional engineering services and quality water/wastewater facilities for the Water Department, Metropolitan Wastewater Department and its other customers.

The Water and Sewer Design Division consists of three primary functions.

The administration section provides management and direction for the preliminary engineering design of Water and Wastewater Capital Improvement Projects, and for the execution of the Capital Improvements Program for the Water and Metropolitan Wastewater Departments.

The Water and Wastewater design sections provide construction drawings, specifications and cost estimates for construction of system upgrades, plant expansions, reservoirs, pump stations, sewer mains, and other facilities, as well as conduct special studies designed to maintain the efficiency of the water and wastewater operating systems. The Water/Wastewater program

Engineering and Capital Projects

Division/Major Program Description (continued)

Water and Sewer Design (continued)

management and engineering support sections provide water and wastewater preliminary engineering studies, project analysis management system tracking, Computer Aided Drafting and Design (CADD) and fiscal and clerical support for plotting services; develop and implement InSewer software program and CADD applications; and serve as the liaisons for information technology services.

Service Efforts and Accomplishments

The Water and Sewer Design Division replaced approximately 30 miles of deteriorated concrete sewer pipes in Fiscal Year 2003. The Division also exceeded the Department of Health Services mandate by awarding 8.2 miles of cast iron water main replacement contracts.

The El Cuervo Norte mitigation project (State Route 56 Wetlands Mitigation) is anticipated to begin construction in 2003.

State Route 56 from the Black Mountain Road to Camino Del Sur was open to traffic in April 2003.

The design and construction of traffic signals at the intersections of Duke Street and Midway Drive, Bond Street and Garnet Avenue, Camino Ruiz and Jade Coast Drive, Empire Street and Miramar Road, Camino del Norte and Paseo Montanoso, Activity Road and Black Mountain Road, Scripps Creek Drive and Spring Canyon Road, Athey Avenue and Smythe Avenue, and Hollister Street and Tocayo Avenue have been completed.

The design and construction of the Mission Valley Motorist Information System has been completed. This project includes changeable message signs, closed circuit television systems, a highway advisory radio system, and communication infrastructure to facilitate network communications between Caltrans, the City Traffic Operations Center, and QUALCOMM Stadium for the purposes of monitoring and controlling traffic during major stadium events.

The design of the La Jolla Village Drive widening from Interstate 5 to Torrey Pines Road has been completed, increasing the number of travel lanes from four to six. This project includes the widening of the Gilman Drive Bridge and construction is anticipated to begin in 2003.

The design of the West Mission Bay Drive bridge seismic retrofit has been completed. Construction is anticipated to be finished in 2003.

The bridge section of the Transportation Engineering Division maintains and inspects an inventory of 300 bridges in the City. Currently the section is working on the design of various projects including the Rigel Street over Chollas Creek bridge replacement, the First Avenue over Maple Canyon bridge rehabilitation, and the North Torrey Pines Road over Penasquitos Lagoon bridge replacement.

The design and construction of several bikeways that will enhance the recreational activities in our neighborhoods is underway. The Camino De La Reina bikeway located alongside the San Diego River in Mission Valley is complete.

The Drainage section of the Transportation Engineering Division maintains a request list for curb ramp construction throughout the City. The section prioritizes, designs, and constructs these curb ramps. A total of 114 curb ramps were constructed Citywide in Fiscal Year 2003.

Engineering and Capital Projects

Service Efforts and Accomplishments (continued)

The Transportation Engineering Division, utilizing the Traffic Control Collision Reporting System, identified intersections with high accident rates. Improvements were then implemented to enhance the safety performance of these intersections.

In Fiscal Year 2003, approximately 8,243 requests for traffic operation changes were completed and 411 traffic signals were re-timed by the Division.

The Department has completed the following projects: CAB Fire Sprinkler Phase III; Veteran's Memorial Center Deferred Maintenance; Torrey Pines Golf Course Americans with Disabilities Act (ADA) Improvements; Balboa Park Road and Parking Lot Replacement Deferred Maintenance; Museum of Art/Sculpture Garden Walk; Ski Beach Parking/Boat Launch Improvements; Kate Sessions Neighborhood Park Tot Lot Upgrade; Balboa Park Golf Course Fence Replacement; QUALCOMM Stadium ADA; Lopez Ridge Community Park; Mission Valley Library; Mohnike Adobe Restoration; Days Inn; Animal Shelter; El Capitan Boat Facility; and De Anza Cove Tot Lot.

The Department has implemented an Access Law Design Compliance Review process for Capital Improvements Projects to ensure that project design is in compliance with ADA accessibility regulations. It has also released for review the draft revisions on certain details found in the City of San Diego Standard Drawings to comply with the access laws. The Department is also spearheading the creation of an accessible design guidelines checklist for outdoor recreation and public right-of-way projects.

The Department received an Orchid for Artwork for the Kroc-Copley Animal Center, an Orchid for Interior Lighting for the Mission Valley Branch Library, and an Orchid for Architecture for Fire Station 37 in Scripps Ranch.

Future Outlook

The Engineering and Capital Projects Department continually provides the highest level of service to the public. All the milestones that have been met or will be met this year contribute to the Mayor's Goals, as well as Council priorities.

In an effort to meet the Mayor's Goal #2, To reduce traffic congestion, the Department will continue to design using both in-house and consultant management, major roadwork and bridge projects; design and construct traffic signals, streetlights, flashing beacons, and traffic signal modifications, and continue construction of State Route 56, which is anticipated to be open by July 2004. Also, the Department will complete traffic data collection and traffic signal timing for over 500 traffic signals (300 complete to date). The City will continue to pursue funding to decrease congestion with projects such as communication systems that enable high speed communication between the City's Traffic Control System, and allow City Traffic Engineers to monitor and adjust signal timings, to detect equipment malfunctions, to collect traffic count data, and to view real-time video images from congested intersections.

In an attempt to meet the Mayor's Goal #3, To create neighborhoods we can be proud of, the Department will continue to ensure all Capital Improvement Projects conform with the ADA, assist non-profit agencies to build brick and mortar projects using Community Development Block Grant funding to enhance services to their clients, and build libraries, fire stations, police stations, and community service centers to enhance services to our citizens.

To meet the Mayor's Goal #4, Clean up our beaches and bays, the Water and Sewer Design Division has increased its production and output. Historically the Division has replaced 18 to 20 miles of concrete sewer mains to meet the Environmental Protection Agency mandate. The Division has increased the level of project execution and is targeting the replacement of approximately 40 miles of concrete sewer mains in calendar year 2004. These miles are a part of the Metropolitan Wastewater Department's Accelerated Program.

Engineering and Capital Projects

Future Outlook (continued)

Also, in an effort to meet the Mayor's Goal #4, Clean up our beaches and bays, the City is at the cutting edge of protecting the coastline water quality through the installation of state-of-the-art low-flow diversion facilities. These facilities are designed to intercept contaminated surface runoff flows and divert them away from the ocean. The construction of 18 sites under Phase II of the program is anticipated to start before the end of calendar year 2003. Additional sites are being designed under Phase II of the program.

Budget Dollars at Work

114 Curb ramps constructed
 13 Flashing beacons installed
 28 Streetlights installed
 63 Traffic signals upgraded
 12 New traffic signals installed
 Approximately 30 Miles of concrete sewer pipes replaced
 8.2 Miles of cast iron pipe replacement contracts awarded
 23 Sewer main projects designed
 8 Sewer pump station projects designed
 5 Water main projects designed
 8,115 Traffic requests evaluated
 3 Trunk sewer projects designed

Engineering and Capital Projects					
	FY 2002 ACTUAL		FY 2003 BUDGET		FY 2004 FINAL
Positions	472.52		517.02		(9.00)
Personnel Expense	\$	35,949,417	\$	40,686,482	\$ 2,235,110
Non-Personnel Expense	\$	18,801,997	\$	21,524,900	\$ 750,309
TOTAL	\$	54,751,415	\$	62,211,382	\$ 2,985,419

Department Staffing

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
GENERAL FUND			
Administration			
Contract Processing	11.00	11.00	0.00
Fiscal Support Services	4.00	4.00	2.50
Management	2.38	2.38	1.54
Total	17.38	17.38	4.04
Field Engineering			
Administration	0.00	12.70	12.70
Construction Inspection	61.60	50.00	51.00
Land Survey	35.40	35.00	35.00
Materials Testing	20.70	19.00	19.00

Engineering and Capital Projects

Department Staffing (continued)

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
GENERAL FUND			
Field Engineering			
Traffic Control	0.00	0.00	4.00
Total	117.70	116.70	121.70
Architectural Engineering and Contracts			
Access Law/Design Review	1.00	1.00	2.00
Contracts	0.00	0.00	12.00
Dept Support	0.00	0.00	2.00
Fin Services & Admin Support	5.00	5.00	3.70
Project Management I/CDBG	9.00	9.00	8.00
Project Management II/UUD	15.00	15.00	4.00
Project Management III	4.00	6.00	5.00
Total	34.00	36.00	36.70
Transportation Engineering-Design			
Administration	11.00	10.00	15.00
Architect Barriers/Ped Access	1.29	1.33	1.33
Bikeways and Trails	2.04	2.16	2.16
Bridges	3.07	3.19	3.34
Erosion Cntrl/Slope Restr/Stbl	1.45	1.57	1.77
Roadway/Street Projects	17.35	17.47	17.47
Special Projects	6.83	6.95	6.85
Storm Drains/Flood Control	5.90	6.02	6.02
Traffic Signals	12.84	16.96	11.06
Underground Utility Dist	3.23	3.35	0.00
Total	65.00	69.00	65.00
Transportation Engineering-Ops			
Administration	3.00	2.00	1.00
Capital Improvements	8.00	7.90	4.80
Interagency Coordination	5.40	5.30	5.30
Traffic Operations	27.60	26.10	26.80
Traffic Safety And Information	12.50	12.20	10.10
Transportation Alternatives Program	1.00	2.00	1.00
Total	57.50	55.50	49.00
UNDERGROUND UTILITY DISTRICT			
Underground Utility District			
Underground Utility District	0.00	0.00	9.15
Total	0.00	0.00	9.15
INTERNAL SERVICES FUND			
Water and Sewer Design			
Administration Support	14.09	17.59	19.44
Wastewater Contract Processing	0.00	8.00	8.15
Wastewater-Design CIP	60.50	70.07	69.07

Engineering and Capital Projects

Department Staffing (continued)

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
INTERNAL SERVICES FUND			
Water and Sewer Design			
Wastewater-Prg Mgmt & Eng Supp	20.65	30.70	29.93
Water-Design CIP	24.50	20.93	20.93
Water-Prg Mgmt & Eng Supp	11.60	8.55	8.32
Total	131.34	155.84	155.84
E&CP Water/Wastewtr Field - Eng			
Wastewater-Facilities Const Insp	27.05	39.96	39.96
Water-Facilities Const Insp	22.55	26.64	26.63
Total	49.60	66.60	66.59

Department Expenditures

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
GENERAL FUND			
Administration			
Contract Processing	\$ 646,226	\$ 690,725	\$ -
Fiscal Support Services	\$ 411,356	\$ 383,565	\$ 204,772
Management	\$ 446,600	\$ 331,113	\$ 233,933
Total	\$ 1,504,182	\$ 1,405,403	\$ 438,705
Field Engineering			
Administration	\$ 780,864	\$ 972,184	\$ 1,030,641
Construction Inspection	\$ 4,570,880	\$ 4,879,729	\$ 5,243,804
Land Survey	\$ 2,839,115	\$ 3,006,075	\$ 3,380,219
Materials Testing	\$ 1,993,467	\$ 1,677,647	\$ 1,782,703
Traffic Control	\$ -	\$ -	\$ 380,461
Total	\$ 10,184,325	\$ 10,535,635	\$ 11,817,828
Architectural Engineering and Contracts			
Access Law/Design Review	\$ 103,377	\$ 104,657	\$ 222,071
Contracts	\$ -	\$ -	\$ 909,174
Dept Support	\$ -	\$ -	\$ 220,548
Fin Services & Admin Support	\$ 435,805	\$ 405,443	\$ 349,190
Project Management I/CDBG	\$ 798,049	\$ 869,176	\$ 814,759
Project Management II/UUD	\$ 1,490,477	\$ 1,516,480	\$ 459,735
Project Management III	\$ 357,132	\$ 705,167	\$ 611,557
Total	\$ 3,184,840	\$ 3,600,923	\$ 3,587,034
Transportation Engineering-Design			
Administration	\$ 1,886,227	\$ 1,912,690	\$ 2,020,220
Architect Barriers/Ped Access	\$ 111,714	\$ 113,723	\$ 118,575
Bikeways and Trails	\$ 147,508	\$ 184,427	\$ 192,816
Bridges	\$ 425,844	\$ 277,086	\$ 306,166

Engineering and Capital Projects

Department Expenditures (continued)

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
GENERAL FUND			
Transportation Engineering-Design			
Erosion Cntrl/Slope Restr/Stbl	\$ 99,577	\$ 133,384	\$ 155,013
Roadway/Street Projects	\$ 1,256,746	\$ 1,663,193	\$ 1,743,103
Special Projects	\$ 521,604	\$ 636,683	\$ 617,900
Storm Drains/Flood Control	\$ 592,131	\$ 519,344	\$ 553,550
Traffic Signals	\$ 1,086,507	\$ 1,451,285	\$ 990,577
Underground Utility Dist	\$ 329,963	\$ 237,373	\$ -
Total	\$ 6,457,821	\$ 7,129,188	\$ 6,697,920
Transportation Engineering-Ops			
Administration	\$ 255,969	\$ 242,923	\$ 111,982
Capital Improvements	\$ 811,951	\$ 689,224	\$ 474,454
Interagency Coordination	\$ 581,636	\$ 545,390	\$ 559,540
Traffic Operations	\$ 2,458,850	\$ 2,396,526	\$ 2,609,486
Traffic Saftey And Information	\$ 975,192	\$ 1,038,237	\$ 926,613
Transportation Alternatives Program	\$ 572,860	\$ 605,983	\$ 557,239
Total	\$ 5,656,458	\$ 5,518,283	\$ 5,239,314
UNDERGROUND UTILITY DISTRICT			
Underground Utility District			
Underground Utility District	\$ -	\$ -	\$ 1,206,881
Total	\$ -	\$ -	\$ 1,206,881
INTERNAL SERVICES FUND			
Water and Sewer Design			
Administration Support	\$ 7,094,864	\$ 6,245,393	\$ 6,719,813
Wastewater Contract Processing	\$ -	\$ 511,706	\$ 593,857
Wastewater-Design CIP	\$ 4,695,093	\$ 6,331,591	\$ 6,892,670
Wastewater-Prg Mgmt & Eng Supp	\$ 1,645,093	\$ 3,314,498	\$ 3,519,774
Water-Design CIP	\$ 1,691,166	\$ 1,862,168	\$ 2,041,901
Water-Prg Mgmt & Eng Supp	\$ 1,025,895	\$ 906,008	\$ 954,961
Total	\$ 16,152,110	\$ 19,171,364	\$ 20,722,976
E&CP Water/Wastewtr Field - Eng			
Wastewater-Facilities Const Insp	\$ 3,071,169	\$ 4,471,911	\$ 4,855,987
Water-Facilities Const Insp	\$ 1,740,190	\$ 3,119,396	\$ 3,254,520
Total	\$ 4,811,359	\$ 7,591,307	\$ 8,110,507
TRANSIENT OCCUPANCY TAX (TOT) FUNDS			
Transient Occupancy Tax			
Balboa Park Tram	\$ 297,461	\$ 247,541	\$ 297,541
Debt Service	\$ 6,405,468	\$ 6,587,741	\$ 6,654,098
Mission Bay/Balboa Park Prjcts	\$ -	\$ 123,997	\$ 123,997
Natural History Museum	\$ 97,390	\$ 300,000	\$ 300,000
Total	\$ 6,800,319	\$ 7,259,279	\$ 7,375,636

Engineering and Capital Projects

Significant Budget Adjustments

GENERAL FUND

Administration	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, Fiscal Year 2004 negotiated salaries and benefits, changes to average salaries, retirement contributions and other benefit compensation.	0.00 \$	84,300
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	57,714
Transfer of Staffing from Transportation Engineering-Operations Division Transfer #5: Transfer of 0.50 Payroll Specialist II from Transportation Engineering-Operations Division (see Transfer #6).	0.50 \$	25,414
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	306
Reduction in Office Supplies Reduction in office supplies for the Administration and Fiscal Services sections.	0.00 \$	(1,575)
Transfer of Staffing and Support to Transportation Engineering-Design Division Transfer #1: Transfer of 0.84 Assistant to the Director to Transportation Engineering-Design Division (see Transfer #2).	(0.84) \$	(113,523)
Transfer of Staffing and Support to Architectural Engineering and Contracts Division Transfer #3: Transfer of 13.00 positions to Architectural Engineering and Contracts Division (see Transfer #4).	(13.00) \$	(1,019,334)
Architectural Engineering and Contracts	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, Fiscal Year 2004 negotiated salaries and benefits, changes to average salaries, retirement contributions and other benefit compensation.	0.00 \$	182,235
Transfer of Staffing and Support from Administration Division Transfer #4: Transfer of 13.00 positions from Administration Division (see Transfer #3).	13.00 \$	1,019,333

Engineering and Capital Projects

Significant Budget Adjustments (continued)

GENERAL FUND

Architectural Engineering and Contracts	Positions	Cost
Staffing and Support for ADA Requirements Addition of 1.00 Associate Civil Engineer to meet Americans with Disabilities Act (ADA) requirements.	1.00 \$	112,290
Transfer of Staffing and Support from Transportation Engineering-Design Division Transfer #9: Transfer of 1.00 Senior Civil Engineer from Transportation Engineering-Design Division (see Transfer #10).	1.00 \$	110,389
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	20,947
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	24
Reduction in Office Supplies Reduction in office supplies for the Primavera section.	0.00 \$	(4,040)
Transfer of Staffing to Water and Sewer Design Division and Utility Underground District Program Transfer #15: Transfer of 0.30 Deputy Director to Water and Sewer Design Division and Utility Underground District Program (see Transfer #16 and #17).	(0.30) \$	(43,629)
Transfer of Staffing and Support from Engineering and Capital Projects Department to the Park and Recreation Department Transfer of 14.00 positions from Engineering and Capital Projects Department, Architectural Engineering and Contracts Division to Park and Recreation Department, Park Planning and Development Division.	(14.00) \$	(1,411,438)
Field Engineering	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, Fiscal Year 2004 negotiated salaries and benefits, changes to average salaries, retirement contributions and other benefit compensation.	0.00 \$	530,385
Transfer of Staffing and Support from Transportation Engineering-Design Division Transfer #7: Transfer of 4.00 positions from Transportation Engineering-Design Division (see Transfer #8).	4.00 \$	380,461

Engineering and Capital Projects

Significant Budget Adjustments (continued)

GENERAL FUND

Field Engineering	Positions	Cost
Transfer of CADD Equipment from Transportation Engineering to Field Engineering Transfer of equipment includes an inventory of CADD computers and various peripherals from Transportation Engineering to Field Engineering. This transfer results in a zero net impact to the Department.	0.00 \$	274,922
Staffing and Support for ADA Requirements Addition of 1.00 Associate Civil Engineer to meet Americans with Disabilities Act (ADA) requirements.	1.00 \$	112,289
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	91,455
Reduction in Office Supplies Reduction in office supplies for the Contract Management and Inspection section.	0.00 \$	(11,820)
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance and rent.	0.00 \$	(95,499)
Transportation Engineering - Design	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, Fiscal Year 2004 negotiated salaries and benefits, changes to average salaries, retirement contributions and other benefit compensation.	0.00 \$	293,233
Transfer of Staffing and Support from Administration Division Transfer #2: Transfer of 0.84 Assistant to the Director from Administration Division (see Transfer #1).	0.84 \$	113,523
Transfer of Staffing from Water and Sewer Design Division Transfer #11: Transfer of 0.15 of the Assistant to the Director from Water and Sewer Design Division (see Transfer #12).	0.15 \$	19,823
Transfer of Staffing from Water and Wastewater Field Engineering Division Transfer #13: Transfer of 0.01 to the Assistant to the Director from Water and Wastewater Field Engineering Division (see Transfer #14).	0.01 \$	1,322
Reduction in Outlay Reduction in outlay for the Transportation Engineering Division.	0.00 \$	(7,995)

Engineering and Capital Projects

Significant Budget Adjustments (continued)

GENERAL FUND

Transportation Engineering - Design	Positions	Cost
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	(9,952)
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	(75,450)
Transfer of Staffing and Support to Architectural Engineering and Contracts Division Transfer #10: Transfer of 1.00 Senior Civil Engineer to Architectural Engineering and Contracts Division (see Transfer #9).	(1.00) \$	(110,389)
Transfer of CADD Equipment from Transportation Engineering to Field Engineering Transfer of equipment includes an inventory of CADD computers and various peripherals from Transportation Engineering to Field Engineering. This transfer results in a zero net impact to the Department.	0.00 \$	(274,922)
Transfer of Staffing and Support to Field Engineering Division Transfer #8: Transfer of 4.00 positions to Field Engineering Division (see Transfer #7).	(4.00) \$	(380,461)
Transportation Engineering - Ops	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, Fiscal Year 2004 negotiated salaries and benefits, changes to average salaries, retirement contributions and other benefit compensation.	0.00 \$	210,993
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	71,623
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.	0.00 \$	(4,585)
Transfer of Staffing to Administration Division Transfer #6: Transfer of 0.50 Payroll Specialist II to Administration Division (see Transfer #5).	(0.50) \$	(25,414)

Engineering and Capital Projects

Significant Budget Adjustments (continued)

GENERAL FUND

Transportation Engineering - Ops	Positions	Cost
Reduction in Traffic Counts Reduction of 1.00 Senior Traffic Engineering Aide and support will decrease the number of traffic counts by 25%; and require that the other City departments, primarily Planning Department, fund their own services for traffic count information.	(1.00) \$	(65,722)
Reduction in Street Light Work Reduction of 1.00 Principal Traffic Engineering Aide and support will eliminate investigations on mid-block street lights.	(1.00) \$	(75,483)
Reduction of Neighborhood Traffic Watch Program and Speed Surveys Reduction of 1.00 Principal Traffic Engineering Aide will eliminate the Neighborhood Watch Speed Trailer Program.	(1.00) \$	(75,485)
Reduction in Preliminary Engineering for Other Departments Reduction of 1.00 Assistant Civil Engineer and support will increase turnaround time on preliminary engineering estimates.	(1.00) \$	(84,281)
Reduction in Street Light Request Responses Reduction of 1.00 Assistant Traffic Engineer and support will result in street light requests from citizens not being investigated or processed.	(1.00) \$	(85,188)
Reduction of Management Position Reduction of 1.00 Deputy Director as part of Budgetary Savings Plan.	(1.00) \$	(145,429)

UNDERGROUND UTILITY DISTRICT

Underground Utility District	Positions	Cost
Underground Utility Program 1.00 Associate Engineer-Civil, 2.00 Principal Engineering Aides, 1.00 Jr. Engineering Aide I, 1.00 Assistant Engineer-Civil, 1.00 Sr. Drafting Aide, 1.00 Administrative Aide I, 1.00 Sr. Management Analyst, 1.00 Public Information Officer and support to manage the efforts to underground utility lines within the City. This program ensures the utility companies complete their work in a timely fashion and assists affected constituents through the utility process. This is funded by utility surcharges.	9.00 \$	1,185,064
Transfer of Staffing from Architectural Engineering and Contracts Division Transfer #17: Transfer of 0.15 Deputy Director from Architectural Engineering and Contracts Division (see Transfer #15 and #16).	0.15 \$	21,817

Engineering and Capital Projects

Significant Budget Adjustments (continued)

INTERNAL SERVICES FUND

E&CP Water/Wastewtr Field - Eng	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, Fiscal Year 2004 negotiated salaries and benefits, changes to average salaries, retirement contributions and other benefit compensation.	0.00 \$	514,181
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance and rent.	0.00 \$	68,526
Transfer of Staffing to Transportation Engineering-Design Division Transfer #14: Transfer of 0.01 the Assistant to the Director to Transportation and Engineering-Design Division (see Transfer #13).	(0.01) \$	(1,378)
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	(62,129)
Water and Sewer Design	Positions	Cost
Salary and Benefit Adjustments Adjustments to reflect the annualization of the Fiscal Year 2003 negotiated salary compensation schedule, Fiscal Year 2004 negotiated salaries and benefits, changes to average salaries, retirement contributions and other benefit compensation.	0.00 \$	1,318,271
Support for Information Technology Funding has been reallocated according to a Citywide review of information technology budget requirements and priority analyses.	0.00 \$	153,527
Non-Discretionary Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance and rent.	0.00 \$	78,663
Transfer of Staffing from Architectural Engineering and Contracts Division Transfer #16: Transfer of 0.15 Deputy Director from Architectural Engineering and Contracts Division (see Transfer #15 and #17).	0.15 \$	21,817
Transfer of Staffing to Transportation Engineering-Design Division Transfer #12: Transfer of 0.15 of the Assistant to the Director to Transportation and Engineering-Design Division (see Transfer #11).	(0.15) \$	(20,666)

Engineering and Capital Projects

Significant Budget Adjustments (continued)

TRANSIENT OCCUPANCY TAX (TOT) FUNDS

Transient Occupancy Tax	Positions	Cost
Non-Discretionary	0.00 \$	66,357
Adjustments to reflect expenses that are determined outside of the Department's direct control. Examples of these adjustments include utilities, insurance, and rent.		
Balboa Park Tram	0.00 \$	50,000
Support to maintain the hours of operation of the Balboa Park Tram		

Expenditures by Category

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
PERSONNEL			
Salaries & Wages	\$ 28,217,804	\$ 31,581,641	\$ 31,886,047
Fringe Benefits	\$ 7,731,613	\$ 9,104,841	\$ 11,035,545
SUBTOTAL PERSONNEL	\$ 35,949,417	\$ 40,686,482	\$ 42,921,592
NON-PERSONNEL			
Supplies & Services	\$ 12,379,734	\$ 14,183,879	\$ 14,692,939
Information Technology	\$ 5,639,413	\$ 6,138,583	\$ 6,443,122
Energy/Utilities	\$ 495,822	\$ 679,269	\$ 581,081
Equipment Outlay	\$ 287,028	\$ 523,169	\$ 558,067
SUBTOTAL NON-PERSONNEL	\$ 18,801,997	\$ 21,524,900	\$ 22,275,209
TOTAL	\$ 54,751,415	\$ 62,211,382	\$ 65,196,801

Revenues by Category

	FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
GENERAL FUND			
Property Tax	\$ -	\$ -	\$ -
Other Local Taxes	\$ -	\$ -	\$ -
Licenses and Permits	\$ 23,770	\$ 21,750	\$ 21,750
Fines, Forfeitures, and Penalties	\$ -	\$ -	\$ -
Revenue from Money & Property	\$ -	\$ -	\$ -
Revenue from Other Agencies	\$ -	\$ -	\$ -
Charges for Current Services	\$ 20,628,851	\$ 18,166,405	\$ 18,142,870
Other Revenues	\$ -	\$ -	\$ -
Transfers from Other Funds	\$ 6,057,829	\$ 5,992,399	\$ 5,836,761
TOTAL	\$ 26,710,450	\$ 24,180,554	\$ 24,001,381

Engineering and Capital Projects

Key Performance Measures

		FY 2002 ACTUAL	FY 2003 BUDGET	FY 2004 FINAL
Average cost per water and wastewater facilities project inspected to meet City design and standard specifications		\$33,493	\$32,227	\$39,834
Average cost per construction project inspected to ensure City contracted projects and buildings meet City design and standard specifications		\$19,218	\$19,155	\$20,220
Average cost per materials test to ensure materials are manufactured according to specifications and to ensure quality control of material placement		\$23.64	\$21.80	\$23.27
Average cost per construction point staked (wood stakes used for various measurements at construction sites)		\$25.70	\$26.42	\$27.55
Average cost per roadway and street project managed	(2)	\$26,739	\$33,264	\$34,862
Average cost per traffic signal project managed	(2)	\$12,489	\$14,513	\$11,006
Average cost per storm drain and flood control project managed	(2)	\$18,504	\$17,311	\$18,452
Average cost per mile of sewer pipeline planned	(1)	\$20,482	\$28,022	\$30,651
Average cost per mile of sewer pipeline designed	(1)	\$145,813	\$166,440	\$134,592
Average cost per traffic request completed		\$201	\$179	\$200
Average cost per traffic accident coded		\$14.19	\$16.20	\$16.76

Salary Schedule

GENERAL FUND

Administration

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1105	Administrative Aide I	1.00	0.00	\$ -	\$ -
1106	Sr Management Analyst	1.00	1.00	\$ 62,561	\$ 62,561
1107	Administrative Aide II	1.00	0.00	\$ -	\$ -
1153	Asst Engineer-Civil	1.00	0.00	\$ -	\$ -
1218	Assoc Management Analyst	1.00	0.00	\$ -	\$ -
1221	Assoc Engineer-Civil	1.00	0.00	\$ -	\$ -
1535	Clerical Assistant II	2.00	0.00	\$ -	\$ -
1648	Payroll Specialist II	1.00	1.50	\$ 36,573	\$ 54,859
1746	Word Processing Operator	3.00	0.00	\$ -	\$ -
1855	Sr Civil Engineer	1.00	0.00	\$ -	\$ -
1876	Executive Secretary	0.69	0.69	\$ 46,241	\$ 31,906
1879	Sr Clerk/Typist	1.00	0.00	\$ -	\$ -
1926	Info Systems Analyst IV	1.00	0.00	\$ -	\$ -
2117	Asst To The Eng & Cap Proj Dir	0.84	0.00	\$ -	\$ -

(1) Figures include salary and fringe only.

(2) Fiscal Year 2003 the information technology budget has been removed from each activity and allocated to its own activity for tracking purposes causing a decrease in the budget and efficiency.

Engineering and Capital Projects

Salary Schedule (continued)

GENERAL FUND

Administration

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
2147	Eng & Cap Proj Director	0.84	0.84	\$ 131,615	\$ 110,557
2153	Deputy City Manager	0.01	0.01	\$ 171,200	\$ 1,712
	Field Training Pay	0.00	0.00	\$ -	\$ 3,238
	Reg Pay For Engineers	0.00	0.00	\$ -	\$ 8,145
	Total	17.38	4.04	\$	272,978

Field Engineering

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1104	Account Clerk	2.00	2.00	\$ 32,827	\$ 65,653
1153	Asst Engineer-Civil	37.00	36.00	\$ 60,046	\$ 2,161,662
1157	Asst Engineer-Electrical	3.00	4.00	\$ 61,409	\$ 245,634
1207	Asst Engineer-Traffic	0.00	2.00	\$ 60,780	\$ 121,559
1218	Assoc Management Analyst	1.50	1.50	\$ 55,514	\$ 83,271
1221	Assoc Engineer-Civil	9.00	10.00	\$ 70,526	\$ 705,257
1223	Assoc Engineer-Electrical	1.00	1.00	\$ 70,866	\$ 70,866
1225	Assoc Engineer-Mechanical	1.00	1.00	\$ 70,866	\$ 70,866
1233	Assoc Engineer-Traffic	0.00	1.00	\$ 70,421	\$ 70,421
1348	Info Systems Analyst II	1.00	1.00	\$ 56,143	\$ 56,143
1525	Principal Survey Aide	9.00	9.00	\$ 52,501	\$ 472,510
1535	Clerical Assistant II	3.00	3.00	\$ 30,468	\$ 91,403
1648	Payroll Specialist II	1.00	1.00	\$ 36,573	\$ 36,573
1727	Principal Engineering Aide	11.00	11.00	\$ 52,763	\$ 580,389
1746	Word Processing Operator	1.00	1.00	\$ 33,015	\$ 33,015
1751	Project Officer I	1.00	1.00	\$ 68,482	\$ 68,482
1844	Sr Account Clerk	0.50	0.50	\$ 38,196	\$ 19,098
1855	Sr Civil Engineer	6.00	6.00	\$ 81,581	\$ 489,488
1878	Sr Traffic Engineer	0.00	1.00	\$ 81,162	\$ 81,162
1879	Sr Clerk/Typist	1.00	1.00	\$ 38,040	\$ 38,040
1881	Sr Survey Aide	6.00	6.00	\$ 46,659	\$ 279,954
1935	Sr Land Surveyor	1.00	1.00	\$ 81,791	\$ 81,791
1938	Land Surveying Asst	14.00	13.00	\$ 60,570	\$ 787,412
1939	Land Surveying Assoc	5.00	6.00	\$ 70,866	\$ 425,196
2214	Deputy Director	0.85	0.85	\$ 110,027	\$ 93,523
2250	Asst Deputy Director	0.85	0.85	\$ 104,528	\$ 88,849
	Field Training Pay	0.00	0.00	\$ -	\$ 61,279
	Overtime Budgeted	0.00	0.00	\$ -	\$ 65,619
	Reg Pay For Engineers	0.00	0.00	\$ -	\$ 149,627

Engineering and Capital Projects

Salary Schedule (continued)

GENERAL FUND

Field Engineering

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
	Temporary Help	0.00	0.00	\$ -	\$ 68,833
	Total	116.70	121.70	\$	7,663,575

Architectural Engineering and Contracts

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1105	Administrative Aide I	0.00	1.00	\$ 37,987	\$ 37,987
1106	Sr Management Analyst	1.00	0.00	\$ -	\$ -
1153	Asst Engineer-Civil	6.00	7.00	\$ 60,046	\$ 420,322
1218	Assoc Management Analyst	1.00	3.00	\$ 55,514	\$ 166,542
1221	Assoc Engineer-Civil	12.00	8.00	\$ 70,526	\$ 564,204
1223	Assoc Engineer-Electrical	1.00	1.00	\$ 70,866	\$ 70,866
1225	Assoc Engineer-Mechanical	1.00	0.00	\$ -	\$ -
1348	Info Systems Analyst II	1.00	0.00	\$ -	\$ -
1535	Clerical Assistant II	1.00	2.00	\$ 30,468	\$ 60,935
1727	Principal Engineering Aide	1.00	0.00	\$ -	\$ -
1746	Word Processing Operator	1.00	4.00	\$ 33,015	\$ 132,061
1751	Project Officer I	3.00	1.00	\$ 68,481	\$ 68,481
1752	Project Officer II	3.00	2.00	\$ 81,477	\$ 162,953
1855	Sr Civil Engineer	2.00	3.00	\$ 81,581	\$ 244,743
1875	Structural Engineering Sr	1.00	1.00	\$ 81,791	\$ 81,791
1879	Sr Clerk/Typist	0.00	1.00	\$ 38,040	\$ 38,040
1917	Supv Management Analyst	0.00	1.00	\$ 71,076	\$ 71,076
1926	Info Systems Analyst IV	0.00	1.00	\$ 70,001	\$ 70,001
2214	Deputy Director	1.00	0.70	\$ 110,016	\$ 77,011
	Field Training Pay	0.00	0.00	\$ -	\$ 12,552
	Reg Pay For Engineers	0.00	0.00	\$ -	\$ 38,116
	Total	36.00	36.70	\$	2,317,681

Transportation Engineering - Design

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1106	Sr Management Analyst	0.00	1.00	\$ 62,561	\$ 62,561
1153	Asst Engineer-Civil	16.00	16.00	\$ 60,046	\$ 960,737
1207	Asst Engineer-Traffic	8.00	6.00	\$ 60,780	\$ 364,677
1218	Assoc Management Analyst	2.00	1.00	\$ 55,514	\$ 55,514
1221	Assoc Engineer-Civil	10.00	11.00	\$ 70,526	\$ 775,783
1227	Assoc Planner	1.00	1.00	\$ 54,825	\$ 54,825
1233	Assoc Engineer-Traffic	7.00	5.00	\$ 70,421	\$ 352,103

Engineering and Capital Projects

Salary Schedule (continued)

GENERAL FUND

Transportation Engineering - Design

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1348	Info Systems Analyst II	1.00	1.00	\$ 56,143	\$ 56,143
1401	Info Systems Technician	0.00	1.00	\$ 43,593	\$ 43,593
1535	Clerical Assistant II	2.00	2.00	\$ 30,468	\$ 60,935
1555	Junior Engineering Aide	1.00	1.00	\$ 39,847	\$ 39,847
1725	Principal Drafting Aide	3.00	3.00	\$ 53,465	\$ 160,395
1727	Principal Engineering Aide	5.00	4.00	\$ 52,763	\$ 211,051
1746	Word Processing Operator	1.00	1.00	\$ 33,015	\$ 33,015
1855	Sr Civil Engineer	5.00	4.00	\$ 81,581	\$ 326,325
1872	Sr Planner	2.00	2.00	\$ 66,738	\$ 133,476
1878	Sr Traffic Engineer	2.00	1.00	\$ 81,162	\$ 81,162
1879	Sr Clerk/Typist	1.00	1.00	\$ 38,040	\$ 38,040
1917	Supv Management Analyst	1.00	1.00	\$ 71,076	\$ 71,076
2117	Asst To The Eng & Cap Proj Dir	0.00	1.00	\$ 99,347	\$ 99,347
2214	Deputy Director	1.00	1.00	\$ 115,621	\$ 115,621
	Bilingual - Regular	0.00	0.00	\$ -	\$ 1,459
	Field Training Pay	0.00	0.00	\$ -	\$ 56,100
	Reg Pay For Engineers	0.00	0.00	\$ -	\$ 169,010
	Temporary Help	0.00	0.00	\$ -	\$ 22,688
	Total	69.00	65.00	\$	4,345,483

Transportation Engineering - Ops

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1104	Account Clerk	1.00	1.00	\$ 32,826	\$ 32,826
1106	Sr Management Analyst	1.00	1.00	\$ 62,561	\$ 62,561
1153	Asst Engineer-Civil	1.00	0.00	\$ -	\$ -
1207	Asst Engineer-Traffic	16.00	15.00	\$ 60,780	\$ 911,694
1221	Assoc Engineer-Civil	2.00	2.00	\$ 70,526	\$ 141,052
1233	Assoc Engineer-Traffic	11.00	11.00	\$ 70,421	\$ 774,628
1348	Info Systems Analyst II	1.00	1.00	\$ 56,143	\$ 56,143
1535	Clerical Assistant II	1.00	1.00	\$ 30,469	\$ 30,469
1555	Junior Engineering Aide	2.00	0.00	\$ -	\$ -
1648	Payroll Specialist II	0.50	0.00	\$ -	\$ -
1730	Principal Traffic Engineering Aide	7.00	5.00	\$ 52,946	\$ 264,731
1746	Word Processing Operator	2.00	2.00	\$ 33,017	\$ 66,034
1855	Sr Civil Engineer	1.00	1.00	\$ 81,584	\$ 81,584
1861	Sr Engineering Aide	2.00	3.00	\$ 45,192	\$ 135,576
1878	Sr Traffic Engineer	5.00	5.00	\$ 81,161	\$ 405,805

Engineering and Capital Projects

Salary Schedule (continued)

GENERAL FUND

Transportation Engineering - Ops

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1879	Sr Clerk/Typist	1.00	1.00	\$ 38,040	\$ 38,040
2214	Deputy Director	1.00	0.00	\$ -	\$ -
	Bilingual - Regular	0.00	0.00	\$ -	\$ 5,846
	Reg Pay For Engineers	0.00	0.00	\$ -	\$ 127,397
	Temporary Help	0.00	0.00	\$ -	\$ 5,061
	Total	55.50	49.00	\$	3,139,447
General Fund Total		294.58	276.44	\$	17,739,164

UNDERGROUND UTILITY DISTRICT

Underground Utility District

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1105	Administrative Aide I	0.00	1.00	\$ 37,987	\$ 37,987
1106	Sr Management Analyst	0.00	1.00	\$ 62,561	\$ 62,561
1153	Asst Engineer-Civil	0.00	1.00	\$ 60,046	\$ 60,046
1221	Assoc Engineer-Civil	0.00	2.00	\$ 70,526	\$ 141,051
1423	Sr Drafting Aide	0.00	1.00	\$ 46,528	\$ 46,528
1727	Principal Engineering Aide	0.00	2.00	\$ 52,763	\$ 105,526
1777	Public Info Officer	0.00	1.00	\$ 46,423	\$ 46,423
2214	Deputy Director	0.00	0.15	\$ 110,027	\$ 16,504
	Total	0.00	9.15	\$	516,626

INTERNAL SERVICES FUND

Water and Sewer Design

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>	<i>Total</i>
1104	Account Clerk	1.00	3.00	\$ 32,826	\$ 98,478
1105	Administrative Aide I	0.00	2.00	\$ 37,987	\$ 75,974
1106	Sr Management Analyst	2.00	2.00	\$ 62,562	\$ 125,123
1107	Administrative Aide II	3.00	3.00	\$ 44,196	\$ 132,589
1153	Asst Engineer-Civil	48.00	48.00	\$ 60,046	\$ 2,882,216
1218	Assoc Management Analyst	8.00	7.00	\$ 55,514	\$ 388,597
1221	Assoc Engineer-Civil	24.00	24.00	\$ 70,525	\$ 1,692,611
1227	Assoc Planner	3.00	3.00	\$ 54,828	\$ 164,485
1349	Info Systems Analyst III	1.00	1.00	\$ 62,954	\$ 62,954
1423	Sr Drafting Aide	10.00	3.00	\$ 46,528	\$ 139,583
1535	Clerical Assistant II	3.00	2.00	\$ 30,467	\$ 60,934

Engineering and Capital Projects

Salary Schedule (continued)

INTERNAL SERVICES FUND

Water and Sewer Design

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>		<i>Total</i>
1648	Payroll Specialist II	1.00	1.00	\$	36,573	\$ 36,573
1727	Principal Engineering Aide	29.00	30.00	\$	52,763	\$ 1,582,884
1746	Word Processing Operator	8.00	5.00	\$	33,015	\$ 165,076
1750	Project Assistant	0.00	5.00	\$	60,008	\$ 300,038
1752	Project Officer II	1.00	1.00	\$	81,476	\$ 81,476
1777	Public Info Officer	0.00	1.00	\$	46,423	\$ 46,423
1844	Sr Account Clerk	1.00	1.00	\$	38,197	\$ 38,197
1855	Sr Civil Engineer	6.00	6.00	\$	81,581	\$ 489,484
1871	Sr Public Information Officer	1.00	1.00	\$	54,916	\$ 54,916
1872	Sr Planner	1.00	1.00	\$	66,738	\$ 66,738
1876	Executive Secretary	0.29	0.29	\$	46,241	\$ 13,410
1879	Sr Clerk/Typist	1.00	1.00	\$	38,040	\$ 38,040
1910	Student Engineer	0.25	0.25	\$	25,244	\$ 6,311
1917	Supv Management Analyst	1.00	2.00	\$	71,076	\$ 142,152
2117	Asst To The Eng & Cap Proj Dir	0.15	0.00	\$	-	\$ -
2147	Eng & Cap Proj Director	0.15	0.15	\$	131,613	\$ 19,742
2214	Deputy Director	1.00	1.15	\$	110,017	\$ 126,520
2250	Asst Deputy Director	1.00	1.00	\$	99,322	\$ 99,322
	Ex Perf Pay-Classified	0.00	0.00	\$	-	\$ 13,118
	Overtime Budgeted	0.00	0.00	\$	-	\$ 243,375
	Reg Pay For Engineers	0.00	0.00	\$	-	\$ 111,008
	Temporary Help	0.00	0.00	\$	-	\$ 33,623
	Total	155.84	155.84			\$ 9,531,970

E&CP Water/Wastewtr Field - Eng

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>		<i>Total</i>
1104	Account Clerk	1.00	1.00	\$	32,827	\$ 32,827
1153	Asst Engineer-Civil	39.00	39.00	\$	60,046	\$ 2,341,799
1218	Assoc Management Analyst	0.50	0.50	\$	55,516	\$ 27,758
1221	Assoc Engineer-Civil	9.00	9.00	\$	70,525	\$ 634,728
1525	Principal Survey Aide	2.00	2.00	\$	52,501	\$ 105,002
1535	Clerical Assistant II	1.00	1.00	\$	30,468	\$ 30,468
1648	Payroll Specialist II	0.25	0.25	\$	36,572	\$ 9,143
1727	Principal Engineering Aide	2.00	2.00	\$	52,763	\$ 105,525
1746	Word Processing Operator	1.00	1.00	\$	33,014	\$ 33,014
1844	Sr Account Clerk	0.50	0.50	\$	38,196	\$ 19,098
1855	Sr Civil Engineer	3.00	3.00	\$	81,581	\$ 244,743

Engineering and Capital Projects

Salary Schedule (continued)

INTERNAL SERVICES FUND

E&CP Water/Wastewtr Field - Eng

<i>Class</i>	<i>Position Title</i>	<i>FY 2003 Positions</i>	<i>FY 2004 Positions</i>	<i>Salary</i>		<i>Total</i>
1876	Executive Secretary	0.03	0.03	\$	46,267	\$ 1,388
1881	Sr Survey Aide	3.00	3.00	\$	46,659	\$ 139,976
1938	Land Surveying Asst	4.00	4.00	\$	60,570	\$ 242,280
2117	Asst To The Eng & Cap Proj Dir	0.01	0.00	\$	-	\$ -
2147	Eng & Cap Proj Director	0.01	0.01	\$	131,600	\$ 1,316
2214	Deputy Director	0.15	0.15	\$	110,027	\$ 16,504
2250	Asst Deputy Director	0.15	0.15	\$	104,527	\$ 15,679
	Overtime Budgeted	0.00	0.00	\$	-	\$ 8,408
	Reg Pay For Engineers	0.00	0.00	\$	-	\$ 88,631
	Total	66.60	66.59			\$ 4,098,287
Internal Services Fund Total		222.44	222.43			\$ 13,630,257
ENGINEERING AND CAPITAL PROJECTS		517.02	508.02			\$ 31,886,047
TOTAL						

Engineering and Capital Projects

Five-Year Expenditure Forecast

	FY 2004 FINAL	FY 2005 FORECAST	FY 2006 FORECAST	FY 2007 FORECAST	FY 2008 FORECAST	FY 2009 FORECAST
Positions	508.02	508.02	508.02	508.02	508.02	508.02
Personnel Expense	\$ 42,921,592	\$ 44,209,240	\$ 45,535,517	\$ 46,901,583	\$ 48,308,630	\$ 49,757,889
Non-Personnel Expense	\$ 22,275,209	\$ 22,943,465	\$ 23,631,769	\$ 24,340,722	\$ 25,070,944	\$ 25,823,072
TOTAL EXPENDITURES	\$ 65,196,801	\$ 67,152,705	\$ 69,167,286	\$ 71,242,305	\$ 73,379,574	\$ 75,580,961

Engineering and Capital Projects

Fiscal Years 2005 - 2009

No major projected requirements.

Engineering and Capital Projects

Revenue and Expense Statement

INTERNAL SERVICES FUND 50050

	FY 2002 ACTUAL	FY 2003 ESTIMATED	FY 2004 FINAL
BEGINNING BALANCE AND RESERVE			
Balance from Prior Year	\$ 777,824	\$ 936,433	\$ -
TOTAL BALANCE	\$ 777,824	\$ 936,433	\$ -
REVENUE			
Earnings on Investment	\$ (59,437)	\$ -	\$ -
Metropolitan Wastewater Department Reimbursement	\$ 14,335,270	\$ 17,377,964	\$ 21,036,544
Other Non-Operating Revenue	\$ 686	\$ -	\$ -
Water Department Reimbursement	\$ 6,845,559	\$ 7,014,954	\$ 7,796,939
TOTAL REVENUE	\$ 21,122,078	\$ 24,392,918	\$ 28,833,483
TOTAL BALANCE AND REVENUE	\$ 21,899,902	\$ 25,329,351	\$ 28,833,483
OPERATING EXPENSE			
Other	\$ 15,260	\$ -	\$ -
Wastewater/CIP Design	\$ 5,065,954	\$ 9,516,809	\$ 11,006,301
Wastewater/CIP Field Engineering	\$ 1,938,332	\$ 3,988,636	\$ 4,855,987
Water /CIP Design	\$ 2,738,333	\$ 2,842,683	\$ 2,996,862
Water/CIP Field Engineering	\$ 936,635	\$ 2,735,830	\$ 3,254,520
Water/Wastewater Facilities -Administration	\$ 10,268,955	\$ 6,245,393	\$ 6,719,813
TOTAL OPERATING EXPENSE	\$ 20,963,469	\$ 25,329,351	\$ 28,833,483
TOTAL EXPENSE	\$ 20,963,469	\$ 25,329,351	\$ 28,833,483
BALANCE	\$ 936,433	\$ -	\$ -
TOTAL EXPENSE AND BALANCE	\$ 21,899,902	\$ 25,329,351	\$ 28,833,483

Engineering and Capital Projects

Revenue and Expense Statement (continued)

TRANSIENT OCCUPANCY TAX (TOT) FUNDS 102240

	FY 2002 ACTUAL	FY 2003 ESTIMATED	FY 2004 FINAL
BEGINNING BALANCE AND RESERVE			
Balance from Prior Year	\$ 177,604	\$ 3,791,399	\$ 3,498,749
Prior Year Continuing Appropriations	\$ 1,495,921	\$ 1,853,128	\$ 1,853,128
Prior Year Reserves for Encumbrances	\$ 1,356,855	\$ 1,032,925	\$ 1,032,925
TOTAL BALANCE	\$ 3,030,380	\$ 6,677,452	\$ 6,384,802
REVENUE			
Charges for Current Services	\$ 81,954	\$ -	\$ -
Transfer from City Ballpark Project Fund	\$ 3,165,805	\$ -	\$ -
Transfer from Transient Occupancy Tax Fund	\$ 7,199,632	\$ 6,989,632	\$ 5,771,649
TOTAL REVENUE	\$ 10,447,391	\$ 6,989,632	\$ 5,771,649
TOTAL BALANCE AND REVENUE	\$ 13,477,771	\$ 13,667,084	\$ 12,156,451
OPERATING EXPENSE			
Balboa Park Tram	\$ 297,461	\$ 247,541	\$ 297,541
Mission Bay/Balboa Park Projects	\$ 26,971	\$ 300,000	\$ 300,000
Prior Year Expenses	\$ 2,389	\$ -	\$ -
Project Management	\$ 68,030	\$ 147,000	\$ 123,997
Transfer to Debt Service Funds	\$ 6,405,468	\$ 6,587,741	\$ 6,654,098
TOTAL OPERATING EXPENSE	\$ 6,800,319	\$ 7,282,282	\$ 7,375,636
TOTAL EXPENSE	\$ 6,800,319	\$ 7,282,282	\$ 7,375,636
RESERVE			
Reserve for Continuing Appropriations	\$ 1,853,128	\$ 1,853,128	\$ 1,853,128
Reserve for Encumbrances	\$ 1,032,925	\$ 1,032,925	\$ 1,032,925
TOTAL RESERVE	\$ 2,886,053	\$ 2,886,053	\$ 2,886,053
TOTAL RESERVE	\$ 2,886,053	\$ 2,886,053	\$ 2,886,053
BALANCE	\$ 3,791,399	\$ 3,498,749	\$ 1,894,762
TOTAL EXPENSE, RESERVE AND BALANCE	\$ 13,477,771	\$ 13,667,084	\$ 12,156,451

Engineering and Capital Projects

Revenue and Expense Statement (continued)

UNDERGROUND UTILITY DISTRICT FUND 30100

	FY 2002 ACTUAL	FY 2003 ESTIMATED	FY 2004 FINAL
BEGINNING BALANCE AND RESERVE			
Balance from Prior Year	\$ -	\$ -	\$ 8,467,156
TOTAL BALANCE	\$ -	\$ -	\$ 8,467,156
REVENUE			
Electric Surcharge	\$ -	\$ 8,654,495	\$ 38,800,000
TOTAL REVENUE	\$ -	\$ 8,654,495	\$ 38,800,000
TOTAL BALANCE AND REVENUE	\$ -	\$ 8,654,495	\$ 47,267,156
CAPITAL IMPROVEMENTS PROGRAM (CIP)			
CIP Expenditures	\$ -	\$ 2,154	\$ 37,593,119
TOTAL CIP EXPENSE	\$ -	\$ 2,154	\$ 37,593,119
OPERATING EXPENSE			
Personnel and Non-Personnel Expense	\$ -	\$ 185,185	\$ 1,206,881
TOTAL OPERATING EXPENSE	\$ -	\$ 185,185	\$ 1,206,881
TOTAL EXPENSE	\$ -	\$ 187,339	\$ 38,800,000
BALANCE	\$ -	\$ 8,467,156	\$ 8,467,156
TOTAL EXPENSE, RESERVE AND BALANCE	\$ -	\$ 8,654,495	\$ 47,267,156